

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised November 6, 2013
		1. WELL API NO: 30-015-38190
		2. Well Name: AID 24 STATE #011
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		3. Well Number: 011
		4. Surface Hole Location: Unit:N Lot:N Section:24 Township:17S Range:28E Feet from:990 N/S Line:S Feet from:2310 E/W Line:W
		5. Bottom Hole Location: Unit:N Lot:N Section:24 Township:17S Range:28E Feet from:990 N/S Line:S Feet from:2310 E/W Line:W
		6. latitude: 32.8166749925312 longitude: -104.130860465197
		7. County: Eddy

8. Operator Name and Address: LRE OPERATING, LLC 1111 Bagby Suite 4600 Houston 77002	9. OGRID: 281994	10. Phone Number: 713-292-9517
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11. Last Fracture Date: 6/30/2014 Frac Performed by: CUDD	12. Production Type: O
13. Pool Code(s): 96210	14. Gross Fractured Interval: 3,720 ft to 3,990 ft
15. True Vertical Depth (TVD): 5,215 ft	16. Total Volume of Fluid Pumped: 855,298 gals
17. Total Volume of Re-Use Water Pumped: 0 gals	18. Percent of Re-Use Water in Fluid Pumped: %

19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
SAND	US SILICA	PROPPANT	SILICON DIOXIDE	14808-60-7	100%	3.9646%
AGA-380	CHEMPLEX	ACIDIZING	TRADE SECRET	7631-90-5	64%	0.00015%
			PETROLEUM DISTILLATE	64742-47-8	35%	8E-05%
FR-601	SNF	FRICTION REDUCER	COPOLYMER OF ACRYLAMIDE & SODIUM ACRYLATE	25987-30-8	10%	0.01062%
			ISOPARAFFINIC SOLVENT	64742-47-8	10%	0.01062%
			NONYLPHENOL	9016-45-9	10%	0.01062%
			SORBITAN MONOOLEATE	1338-43-8	10%	0.01062%
			HYDROCHLORIC ACID	7647-01-0	15%	0.02715%
I-112	CHEMPLEX	CORROSION INHIBITOR	METHANOL	67-56-1	50%	9E-05%
			PROPARGYL ALCOHOL	107-19-7	4%	1E-05%
NE-217	CHEMPLEX	NON-EMULSIFIER	METHANOL	67-56-1	50%	0.0001%
FE-360	CHEMPLEX	IRON CONTROL	CUPRIC CHLORIDE DIHYDRATE	10125-13-0	7%	4E-05%
			THIOGLYCOL	60-24-2	80%	0.00049%
FE-400	ROCKWATER	IRON CONTROL	GLACIAL ACETIC ACID	64-19-7	100%	0.03655%
			ISOPROPANOL	67-36-0	100%	0.03655%
SIP-2250	ROCKWATER	SCALE INHIBITOR	PRECIPITATED SHPEROLD GEL	7631-86-9	100%	0.02664%
			PHOSPHONIC ACID	35657-77-3	100%	0.02664%

20. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.

Signature: <u>Signed Electronically</u>	Printed Name: <u>Mike Pippin</u>	Title: <u>Consultant</u>
Date: <u>7/11/2014</u>		
E-mail Address: <u>mike@pippinllc.com</u>		

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.